

58074 to 58085—Continued.

58077. (No. 259.)

58078. (No. 262.)

58079. (No. 264. Duenas.)

58080. (No. 267. Ameyugo.)

58081. (No. 270. Villacostin.)

58082. (No. 272. Monasterio de Bodilla.)

58083. (No. 277. Uzguano.)

58084. (No. 283. Villar de Arnero.)

58085. (No. 286. Alagon.)

58086. Cicer arietinum L. Fabaceae. Chick-pea.

From Gizeh, Egypt. Seeds purchased from the botanical section, Ministry of Agriculture. Received October 31, 1923.

Seeds of the small-seeded chick-pea, introduced for forage-crop specialists.

58087. MALUS sp. Malaceae. Apple.

From Yunnan, China. Seeds collected by J. F. Rock, National Geographic Society, Washington, D. C. Received October 31, 1923.

(Likiang, August, 1923.) A tree about 30 feet high growing wild in the Likiang district. The small, attractive, uniformly red, oblong, cherry-like fruits have yellowish white flesh and are sold in the markets of Likiang. (Rock.)

58088 to 58090. BERBERIS spp. Berberidaceae. Barberry.

From Rochester, N. Y. Cuttings presented by W. L. G. Edson, in charge of the herbarium, Highland Park. Received November 9, 1923.

Introduced for pathologists studying leaf rusts.

58088. BERBERIS ACUMINATA Franch.

An evergreen shrub of open spreading habit with bright-red young growth and stout 3-parted spines 3 to 6 inches long. The brownish yellow flowers, three-quarters of an inch broad, are in clusters of four to eight in the axils of the previous year's shoots. The oblong black fruits are half an inch long. Native to central China. (Adapted from *Bean, Trees and Shrubs Hardy in the British Isles*, vol. 1, p. 234.)

58089. BERBERIS CONCINNA Hook. f.

A low, bushy barberry which was discovered in the mountains of Sikkim, India, at an altitude of about 12,000 feet. It is of compact habit, with obovate leaves shining green above and white beneath. The deep-yellow flowers are about half an inch across, and the red oblong berries are a little more than half an inch long. (Adapted from *Bean, Trees and Shrubs Hardy in the British Isles*, vol. 1, p. 238.)

58090. BERBERIS CRATAEGINA DC.

A deciduous shrub 5 feet high with 6 to 10 flowered racemes 1 to 2 inches long and bluish black fruits. Native to Asia Minor.

For previous introduction see S. P. I. No. 53089.

58091 and 58092.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, agricultural adviser, Bureau of Agriculture. Received November 9, 1923. Notes by Mr. Wester.

58091. CAPSICUM ANNUUM L. Solanaceae. Red pepper.

A long, slender, very hot pepper found in Siasi, Sulu Archipelago. It is said to be grown on a commercial scale near Singapore. It is very productive and might be useful for chili growers in the United States.

58091 and 58092—Continued.

58092. FLACOURTIA EUPHLEBIA Merr. Flacourtiaceae.

Lanagon. A small tree, native to these islands, bearing in profusion fruits very similar in appearance and flavor to those of *Placourtia cataphracta*. They can probably also be used for jelly making.

For previous introduction see S. P. I. No. 54691.

58093 to 58126. BERBERIS spp. Berberidaceae. Barberry.

From the Arnold Arboretum, Jamaica Plain, Mass. Cuttings collected by H. C. Skeels, Bureau of Plant Industry. Received October 31, 1923.

A collection of barberries introduced for pathologists studying leaf rusts.

58093. BERBERIS AEMULANS C. Schneid.

A purple-twigged shrub 3 or 4 feet high, with oval-oblong leaves, yellow flowers, and yellowish berries. Native to western Szechwan, China. (Adapted from *Sargent, Plantae Wilsonianae*, vol. 3, p. 434.)

58094. BERBERIS AGGREGATA C. Schneid.

A Chinese shrub 3 to 5 feet high which has yellowish brown spines, small oblong leaves, yellow flowers in dense racemes, and salmon-red fruits. (Skeels.)

For previous introduction see S. P. I. No. 54061.

58095. BERBERIS AGGREGATA PRATTH C. Schneid

A hardy shrub 6 to 10 feet in height, with slender 3-parted spines, oval leaves, narrow panicles of yellow flowers, and egg-shaped salmon-red fruits about one-fourth of an inch in length. It is a native of western China and grows very freely under cultivation at Kew, England. (Adapted from *Curtis's Botanical Magazine*, pl. 8549.)

For previous introduction see S. P. I. No. 55071

58096. BERBERIS AGGREGATA RECURVATA C. Schneid.

A variety differing from the type only in having the fruiting pedicels recurved. (Adapted from *Sargent, Plantae Wilsonianae*, vol. 3, p. 443.)

58097. BERBERIS BRACHYPODA Maxim.

A shrub from western China, 4 to 7 feet high with ovate, serrate leaves, long slender panicles of yellow flowers, and scarlet fruits often half an inch in length. (Skeels.)

For previous introduction see S. P. I. No. 54064

58098 and 58099. BERBERIS BUXIFOLIA Lam.

58098. A barberry 1 to 3 feet high, with wedge shaped leaves, solitary orange-yellow flower on long stems, and blackish purple berries. Native to Chile.

58099. Var. *nana*. A variety which forms compact tufts about a foot high.

58100. BERBERIS CIRCUMSERATA C. Schneid.

A bush from central China, up to 7 feet high with roundish oval leaves having very numerous slender spine-tipped serrations. The spines are 3-parted, about half an inch long, and the bright yellow flowers, half an inch wide, are solitary or in twos or threes on a common stalk. The scarlet fruits are oblong, slightly bloomy, and nearly half an inch long. In autumn the leaves turn scarlet. (Adapted from *Sargent, Plantae Wilsonianae*, vol. 1, pt. 3, p. 354, and from *Rehder, i Bailey, Standard Cyclopedia of Horticulture*, vol. 1 p. 491.)

For previous introduction see S. P. I. No. 43811

58101. BERBERIS CONCINNA Hook. f.

For previous introduction and description see S. P. I. No. 58089.